

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	52	("20030112880" "20040048584" "20040085239" "20050059355" "20050143113" "5375140" "5570349" "5642353" "5832044" "5918154" "5991330" "6185440" "6226509" "6236363" "6275482" "6330294" "6343218" "6392988" "6492942" "6549574" "6636495" "6704370" "6745009" "6810264" "6859643" "6882228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 15:58
S2	2	EP-1255369-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:04
S3	1	(EP-1255369-\$).did.	EPO	OR	ON	2008/01/04 16:08
S4	0	WO-03005606-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:09
S5	0	WO-0305606-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:11
S6	0	WO-03073648-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:12
S7	1	EP-0986193-\$ did. EP-1262031-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:14
S8	0	EP-0986193-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:14

EAST Search History

S9	1	EP-1262031-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:18
S10	1	(DE-10009150-\$).did.	DERWENT	OR	ON	2008/01/04 16:17
S11	2	EP-1282242-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:18
S12	1	(EP-1282242-\$).did.	EPO	OR	ON	2008/01/04 16:20
S13	1	(EP-1282244-\$).did.	EPO	OR	ON	2008/01/04 16:20
S14	1	(EP-1282244-\$).did.	EPO	OR	ON	2008/01/04 16:21
S15	1	(EP-1284545-\$).did.	EPO	OR	ON	2008/01/04 16:21
S16	1	(EP-1284545-\$).did.	EPO	OR	ON	2008/01/04 16:21
S17	2	WO-9724818-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:22
S18	1	(WO-9724818-\$).did.	EPO	OR	ON	2008/01/04 16:22
S19	0	WO-0079701-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:25
S20	0	WO-0169814-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:26
S21	0	WO-03090386-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:26

EAST Search History

S22	0	WO-04045108-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:27
S23	2	GB-2353437-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:27
S24	1	(GB-2353437-\$).did.	EPO	OR	ON	2008/01/04 16:28
S25	0	WO-05081444-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:30
S26	0	WO-0581444-A1.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:30
S27	6	(WO-9724818-\$ or EP-1255369-\$ or EP-1282242-\$ or EP-1282244-\$ or EP-1284545-\$).did. or (DE-10009150-\$).did.	EPO; DERWENT	OR	ON	2008/01/04 16:31
S28	1	(GB-2353437-\$).did.	EPO	OR	ON	2008/01/04 16:31
S29	0	cabelte.in. and ("diversity transmission").ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:35
S30	0	cabelte.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:35
S31	3	correia.in. and diversity.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:39
S32	1	(WO-200079701-\$).did.	DERWENT	OR	ON	2008/01/04 16:37

EAST Search History

S33	1	(US-6987959-\$).did.	USPAT	OR	ON	2008/01/04 16:38
S34	30	hottinen.in. and diversity.ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:39
S35	12	hottinen.in. and (transmit adj diversity).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:44
S36	1	(US-7200368-\$).did.	USPAT	OR	ON	2008/01/04 16:43
S37	14	yoon.in. and (smart adj antenna).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:44
S38	1	(WO-3090386-\$).did.	EPO	OR	ON	2008/01/04 16:45
S39	3	(US-7200368-\$).did. or (WO-3090386-\$).did. or (WO-200079701-\$).did.	USPAT; EPO; DERWENT	OR	ON	2008/01/04 16:52
S40	1525	(375/347).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/04 16:55

EAST Search History

S41	65	(US-20050143113-\$ or US-20050059355-\$ or US-20040085239-\$ or US-20040048584-\$ or US-20030112880-\$).did. or (US-6882228-\$ or US-6859643-\$ or US-6810264-\$ or US-6745009-\$ or US-6704370-\$ or US-6636495-\$ or US-6549574-\$ or US-6492942-\$ or US-6392988-\$ or US-6343218-\$ or US-6330294-\$ or US-6275482-\$ or US-6236363-\$ or US-6226509-\$ or US-6185440-\$ or US-5991330-\$ or US-5918154-\$ or US-5832044-\$ or US-5642353-\$ or US-5570349-\$ or US-5375140-\$ or US-6987959-\$ or US-7200368-\$).did. or (EP-1255369-\$ or EP-1282242-\$ or EP-1284545-\$ or EP-1282244-\$ or WO-9724818-\$ or GB-2353437-\$ or WO-3090386-\$).did. or (US-20050059355-\$ or US-20050052245-\$ or WO-200135490-\$ or US-6859643-\$ or US-20040085239-\$ or US-20040048584-\$ or WO-2003098823-\$ or WO-2003069808-\$ or WO-2002103926-\$ or US-6275482-\$ or WO-200137443-\$ or US-6236363-\$ or US-6226509-\$ or EP-1087562-\$ or WO-200108365-\$ or CN-1279568-\$ or EP-993138-\$ or US-6185440-\$ or US-6343218-\$ or US-5918154-\$ or EP-892504-\$ or US-5991330-\$ or US-5832044-\$ or US-5570349-\$ or EP-746932-\$ or EP-616742-\$).did. or (EP-1255369-\$ or DE-10009150-\$ or WO-200079701-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/01/05 14:34
S42	0	S41 and (diversity or ((multiple or plural\$4 or several) near3 antenna)) and (phase near2 adjust\$4) and (combin\$3 or summ\$3) and (combined with (channel near2 estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 15:10
S43	39	S41 and (diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 14:37

EAST Search History

S44	44	S41 and (diversity or ((multiple or plural\$4 or several) near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 14:37
S45	5	S44 and (phase near2 adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 14:42
S46	1	S45 and (channel near3 estima\$\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 14:38
S47	5	S41 and (phase near2 adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 14:42
S48	110	(diversity or ((multiple or plural\$4 or several) near3 antenna)) and (phase near2 adjust\$4) and (combin\$3 or summ\$3) and (combined with (channel near2 estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 15:12
S49	34	S48 and @pd<"20030414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:36
S50	30	S49 and (receiver same (antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:11
S51	0	S50 and (vector near3 modulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 15:13

EAST Search History

S52	1	S50 and (phase adj adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 15:13
S53	118	(combined with (channel near3 (response or estimate))) and (individual with (channel near3 (response or estimate)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:12
S54	45	S53 and @pd<"20030414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:13
S55	27	S54 and CDMA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:13
S56	10	S54 and (diversity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:13
S57	9	S56 and antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:13
S58	2	(US-20010047424-\$ or US-20020172293-\$).did.	US-PGPUB	OR	ON	2008/01/05 16:23
S59	2	(depsreading and weight\$3 and combin\$3 and decod\$3) and rake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:36
S60	431	(channel near3 estimat\$3) and (covariance near3 matrix) and MMSE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:37

EAST Search History

S61	72	S60 and @pd<"20030414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:47
S62	29	(channel near3 estimat\$3) same (covariance near3 matrix) same MMSE	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:37
S63	5	S62 and @pd<"20030414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:37
S64	2	S63 and rake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:40
S65	2	S64 and pilot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:41
S66	2	S65 and (training near2 sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:41
S67	1	(US-20030043887-\$).did.	US-PGPUB	OR	ON	2008/01/05 16:42
S68	1	(US-6526090-\$).did.	USPAT	OR	ON	2008/01/05 16:45
S69	100966	(first near3 phase) and (second near3 phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:47
S70	62554	S69 and @pd<"20030414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:51

EAST Search History

S71	513	S70 and (diversity) and antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:48
S72	2	S71 and (first same (channel near3 estimate)) and (second same ((signal near3 noise) or SNR))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:51
S73	0	S71 and (first with (channel near3 estimate)) and (second with ((signal near3 noise) or SNR))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:53
S74	238	(first with (channel near3 estimate)) and (second with ((signal near3 noise) or SNR))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:51
S75	58	S74 and @pd<"20030414"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:52
S76	22	S75 and antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:52
S77	31	"L365" and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:52
S78	8	S76 and diversity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:52

EAST Search History

S79	0	S78 and (first with phase with (channel near3 estimate)) and (second with phase with ((signal near3 noise) or SNR))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 16:53
S80	3012	((375/136,144,267) or (709/236)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/05 17:00
S81	1525	(375/347).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/05 17:00
S82	4163	S80 or S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 17:00
S83	2	S44 and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 17:00


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) |

Welcome United States Patent and Trademark Office

 [Search Results](#)
[BROWSE](#)[SEARCH](#)[IEEE Xplore Guide](#)

Results for "((((diversity or mimo) and (phase) and (combined or composite))<in>metadata)) <and> (py...)"
 Your search matched 12 of 545 documents.

A maximum of 100 results are displayed, 100 to a page, sorted by Publication year in Ascending order.

[Modify Search](#)
 (((diversity or mimo) and (phase) and (combined or composite))<in>metadata)) <and>

 Check to search only within this results set
Display Format: Citation Citation & Abstract» [Search Options](#)[View Session History](#)[New Search](#)[IEEE/IET](#)[Books](#)[Educational Courses](#)[A](#)

[IEEE/IET journals, transactions, letters, magazines, conference proceedings, and](#)

 [Select All](#) [Deselect All](#)
» [Key](#)

IEEE JNL IEEE Journal or Magazine

1. [Evaluation of a mobile radio multiple channel diversity receiver using pr](#)
 Rustako, A.J., Jr.; [Vehicular Technology Conference, 1966. 17th IEEE](#)

Volume 17, 1-2 Dec. 1966 Page(s):67 - 78

[AbstractPlus](#) | Full Text: [PDF\(592 KB\)](#) IEEE CNF
[Rights and Permissions](#)

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

2. [Evaluation of a mobile radio multiple channel diversity receiver using pr](#)
 Rustako, A.J., Jr.; [Vehicular Technology, IEEE Transactions on](#)

Volume 16, Issue 1, Oct 1967 Page(s):46 - 57

[AbstractPlus](#) | Full Text: [PDF\(624 KB\)](#) IEEE JNL
[Rights and Permissions](#)

3. [Data Transmission over FDM/FM Troposcatter Systems](#)

Leang Yeh;

[Communications, IEEE Transactions on \[legacy, pre - 1988\]](#)

Volume 18, Issue 5, Oct 1970 Page(s):490 - 501

[AbstractPlus](#) | Full Text: [PDF\(1152 KB\)](#) IEEE JNL
[Rights and Permissions](#)

4. [A new combiner for multi-antenna diversity in multi-carrier microwave ra](#)

Ichikawa, H.; Nakamura, T.;

[Communications, 1991. ICC '91, Conference Record, IEEE International Conf](#)
 23-26 June 1991 Page(s):162 - 168 vol.1
 Digital Object Identifier 10.1109/ICC.1991.162353

[AbstractPlus](#) | Full Text: [PDF\(484 KB\)](#) IEEE CNF
[Rights and Permissions](#)

5. [Rake reception for a CDMA mobile communication system with multipat](#)

Noneaker, D.L.; Pursley, M.B.;

[Spread Spectrum Techniques and Applications, 1994. IEEE ISSSTA '94., IEE](#)
[Symposium on](#)

4-6 July 1994 Page(s):98 - 104 vol.1

Digital Object Identifier 10.1109/ISSSTA.1994.379610

[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) IEEE CNF

[Rights and Permissions](#)

- 6. Diversity for noncoherent DPSK direct-sequence CDMA over a shadowed channel**
Chau, Y.A.; Laih, A.-S.;
[Communications, IEE Proceedings-](#)
Volume 142, Issue 6, Dec. 1995 Page(s):386 - 392
[AbstractPlus](#) | Full Text: [PDF\(512 KB\)](#) IET JNL
[Rights and Permissions](#)

- 7. Comparison of pilot symbol-assisted and differentially detected BPSK for employing RAKE receivers in Rayleigh fading channels**
D'Amours, C.; Moher, M.; Yongaloglu, A.;
[Vehicular Technology, IEEE Transactions on](#)
Volume 47, Issue 4, Nov. 1998 Page(s):1258 - 1267
Digital Object Identifier 10.1109/25.728515
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(200 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 8. Modified Jakes' model for simulating multiple uncorrelated fading waveforms**
Yingbo Li; Guan, Y.L.;
[Vehicular Technology Conference Proceedings, 2000, VTC 2000-Spring Tokyo](#)
Volume 3, 15-18 May 2000 Page(s):1819 - 1822 vol.3
Digital Object Identifier 10.1109/VETECS.2000.851586
[AbstractPlus](#) | Full Text: [PDF\(200 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- 9. Approximate BER performance of generalized selection combining in N-cellular systems**
Lu, C.M.; Lans, W.H.;
[Communications Letters, IEEE](#)
Volume 5, Issue 6, June 2001 Page(s):254 - 256
Digital Object Identifier 10.1109/4234.929604
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(88 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 10. Adaptive space-time feedforward/feedback detection for high data rate communications in selective fading**
Smee, J.E.; Schwartz, S.C.;
[Communications, IEEE Transactions on](#)
Volume 49, Issue 2, Feb 2001 Page(s):317 - 328
Digital Object Identifier 10.1109/26.905891
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(296 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 11. A simple and general parameterization quantifying performance in fading channels**
Zhengdao Wang; Giannakis, G.B.;
[Communications, IEEE Transactions on](#)
Volume 51, Issue 8, Aug. 2003 Page(s):1389 - 1398
Digital Object Identifier 10.1109/TCOMM.2003.815053
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(664 KB\)](#) IEEE JNL
[Rights and Permissions](#)

- 12. Simulation models with correct statistical properties for Rayleigh fading channels**
Yahong Rosa Zheng; Chengshan Xiao;
[Communications, IEEE Transactions on](#)
Volume 51, Issue 6, June 2003 Page(s):920 - 928
Digital Object Identifier 10.1109/TCOMM.2003.813259
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(682 KB\)](#) IEEE JNL
[Rights and Permissions](#)

[Rights and Permissions](#)

[Help](#) [Contact Us](#)

© Copyright 20

Indexed by
 Inspec®